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(FILE 'HOME' ENTERED AT 11:35:13 ON 30 JUL 2008)

FILE 'REGISTRY' ENTERED AT 11:35:22 ON 30 JUL 2008

L1 STRUCTURE UPLOADED  
L2 1 S L1  
L3 33 S L1 FULL

=> s l3 and caplus/lc

57670817 CAPLUS/LC

L4 33 L3 AND CAPLUS/LC

=> fil capl

FILE 'CAPLUS' ENTERED AT 11:36:31 ON 30 JUL 2008

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FILE COVERS 1907 - 30 Jul 2008 VOL 149 ISS 5

FILE LAST UPDATED: 29 Jul 2008 (20080729/ED)

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'FIONA' IS DEFAULT FORMAT FOR 'CAPLUS' FILE

=> s l3

L5 2 L3

=> d l-2 ibib iabs hitstr

L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:173868 CAPLUS

DOCUMENT NUMBER: 146:230985

TITLE: Process for printing an image on a substrate, composition and azo dye compound for use in the composition

INVENTOR(S): Monahan, Lilian; Double, Philip John; Bradbury, Roy

PATENT ASSIGNEE(S): Fujifilm Imaging Colorants Limited, UK

SOURCE: PCT Int. Appl., 50pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007017631	A2	20070215	WO 2006-GB2862	20060731
WO 2007017631	A3	20070614		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

EP 1915431 A2 20080430 EP 2006-765174 20060731

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR

PRIORITY APPL. INFO.:

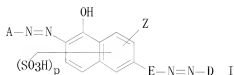
GB 2005-16243 A 20050808

GB 2005-16244 A 20050808

WO 2006-GB2862 W 20060731

OTHER SOURCE(S): MARPAT 146:230985

GRAPHIC IMAGE:



# ABSTRACT:

A process for printing an image on a substrate with high d. and good lightfastness, comprising applying to the substrate an ink composition which comprises a liquid medium and a compound of formula I; wherein: A and D each independently represent optionally substituted aryl or optionally substituted heteroaryl; E represents optionally substituted pyrazolyl; Z represents H, halogen, nitro, cyano, hydroxy, amino, carboxy, optionally substituted alkyl, optionally substituted alkoxy or optionally substituted aryloxy; and p is an integer from 0 to 5; provided that E does not have an optionally substituted carbonamide group of formula - CONR1R2 directly attached to it, wherein R1 and R2 each independently represent H, optionally substituted alkyl, optionally substituted cycloalkyl, or optionally substituted aryl. The printing is preferably ink jet printing. Also provided are compds. of formula I and ink compns. containing the same.

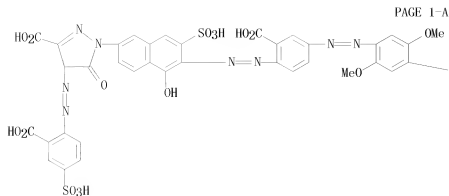
IT 924311-67-1

RL: TEM (Technical or engineered material use); USES (Uses)

(dye; manufacture of diazo naphthalene compds. and compns. for use in ink-jet printing)

RN 924311-67-1 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[6-[2-[2-carboxy-4-[2-(2,5-dimethoxy-4-sulphophenyl)diazenyl]phenyl]diazenyl]-5-hydroxy-7-sulfo-2-naphthalenyl]-4-[2-(2-carboxy-4-sulphophenyl)diazenyl]-4,5-dihydro-5-oxo- (CA INDEX NAME)



PAGE 1-B

—SO<sub>3</sub>H

L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:570869 CAPLUS

DOCUMENT NUMBER: 143:99070

TITLE: Magenta bisazo dyes and their use in ink-jet printing

INVENTOR(S): Foster, Clive Edwin; Schofield, David; Downey, Julie

Ann; Burnham, Neil; Double, Philip John; Bradbury, Roy

PATENT ASSIGNEE(S): Avecia Inkjet Limited, UK

SOURCE: PCT Int. Appl., 41 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

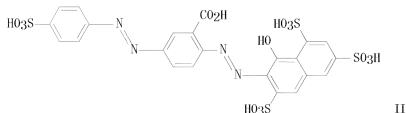
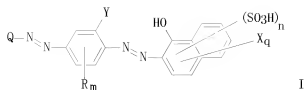
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

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WO 2005058807	A1	20050630	WO 2004-GB5125	20041206
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1697315	A1	20060906	EP 2004-801270	20041206
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS			
JP 2007514816	T	20070607	JP 2006-544537	20041206
US 20070276132	A1	20071129	US 2007-583272	20070302
PRIORITY APPLN. INFO.:			GB 2003-29247	A 20031218
			WO 2004-GB5125	W 20041206

OTHER SOURCE(S): MARPAT 143:99070

GRAPHIC IMAGE:



## ABSTRACT:

The invention relates to a bisazo compound of formula (I) and salts thereof; wherein Q is an optionally substituted aryl ring; Y is CO<sub>2</sub>H, SO<sub>3</sub>H or PO<sub>3</sub>H<sub>2</sub>; R and X are substituents; m is 0 to 3; n is 0 to 6; and q is 0 to 6 (e.g., dye II). Also compns. comprising these compds., ink-jet inks, an ink-jet printing process and an ink-jet cartridge.

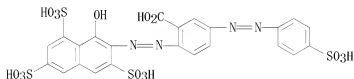
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 856174-42-0P 856174-43-1P 856174-44-2P  
 856174-45-3P 856174-46-4P

RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(production of magenta bisazo dyes for ink-jet printing inks)

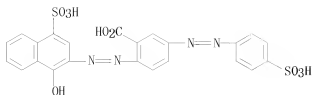
RN 856174-13-5 CAPLUS

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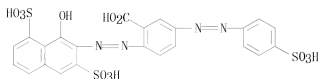
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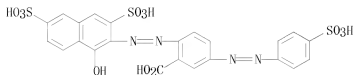
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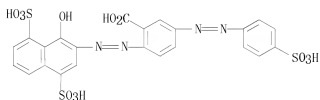
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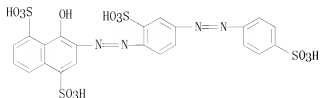
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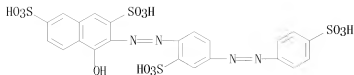
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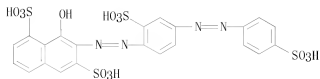
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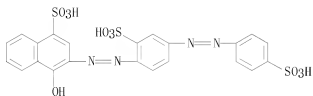
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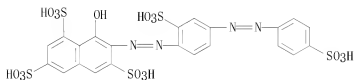
RN 856174-21-5 CAPLUS

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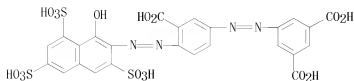
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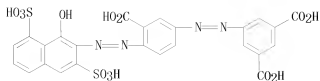
RN 856174-23-7 CAPLUS

CN 1,3-Benzenedicarboxylic acid, 5-[2-[3-carboxy-4-[2-(1-hydroxy-3,6,8-trisulfo-2-naphthalenyl)diazenyl]phenyl]diazenyl]- (CA INDEX NAME)



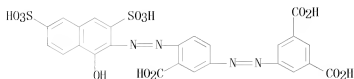
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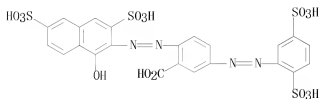
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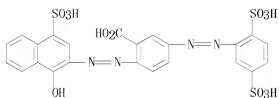
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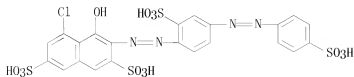
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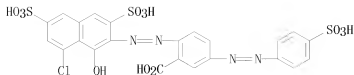
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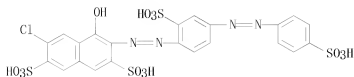
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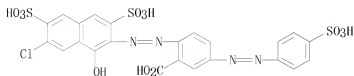
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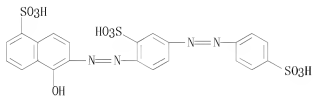
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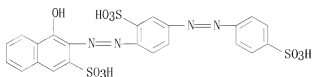
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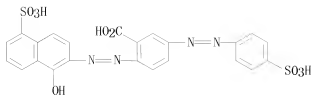
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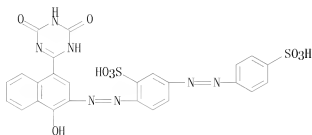
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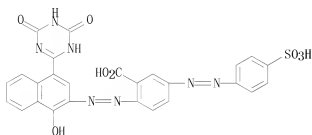
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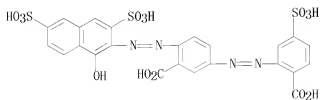
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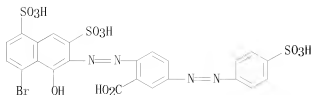
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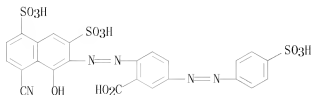


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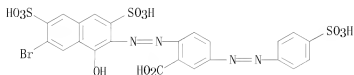
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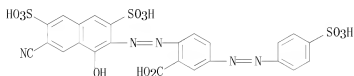
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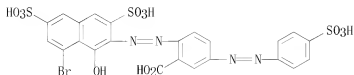
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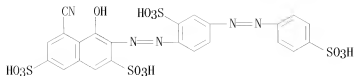
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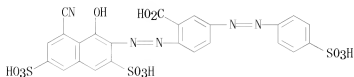


RN 856174-45-3 CAPLUS  
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RN 856174-46-4 CAPLUS

CN Benzoic acid, 2-[2-(8-cyano-1-hydroxy-3,6-disulfo-2-naphthalenyl)diazenyl]-5-[2-(4-sulphophenyl)diazenyl]- (CA INDEX NAME)



REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L1 STRUCTURE UPLOADED

D

L2 1 SEA SSS SAM L1

L3 33 SEA SSS FUL L1

L4 33 SEA ABB=ON PLU=ON L3 AND CAPLUS/LC

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L5 2 SEA ABB=ON PLU=ON L3

D 1-2 IBIB IABS HITSTR

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